Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF088001.D
Acq On : 14 Jun 2016 11:10
Operator : UM/SJ
Sample : H3395-28DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 13:39:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115068	20.00	ng		0.01
21) Naphthalene-d8	8.08	136	432350	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	198926	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	278870	20.00	ng		0.00
75) Chrysene-d12	13.95	240	229327	20.00	ng		0.00
86) Perylene-d12	15.37	264	214653	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	354975	52.74	ng		0.00
7) Phenol-d6	6.43	99	518476	63.56	ng		0.00
23) Nitrobenzene-d5	7.36	82	293280	39.61	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	83528	39.77	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	527164	38.61	ng		0.00
78) Terphenyl-d14	12.90	244	305138	30.28	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.44	94	4495	Below Cal			96
19) n-Nitroso-di-n-propylamine	7.36	70	37204	7.13	ng	#	72
25) Isophorone	7.36	82	243941	17.79	ng	#	65
45) 1,1'-Biphenyl	9.26	154	4503	Below Cal			96
48) Acenaphthylene	9.70	152	49386	2.41	ng		99
49) Dimethylphthalate	9.55	163	54044	3.75	ng		100
50) 2,6-Dinitrotoluene	9.84	165	27210	8.25	ng	#	39
51) Acenaphthene	9.87	154	28860	2.26	ng		96
55) 4-Nitrophenol	10.04	139	8470	2.87	ng	#	5
56) 2,4-Dinitrotoluene	9.84	165	27452	6.47	ng	#	37
57) Fluorene	10.39	166	32575	Below Cal			99
70) Phenanthrene	11.35	178	507762	34.70	ng		98
71) Anthracene	11.39	178	139855	9.47	ng		98
72) Carbazole	11.55	167	40314	2.92	ng		97
74) Fluoranthene	12.54	202	655180	42.43	ng		93
77) Pyrene	12.75	202	627969	36.90	ng		99
80) Benzo(a)anthracene	13.94	228	372712	28.52	ng		95
82) Chrysene	13.94	228	372712	30.31	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	35542	3.88	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	131540	11.52	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	482546	32.25	ng	#	95
88) Benzo(k)fluoranthene	14.97	252	482546	42.76	ng		99
89) Benzo(a)pyrene	15.39	252	64037	5.29	ng		96
90) Dibenzo(a,h)anthracene	16.89	278	26828	2.39	ng		95
91) Benzo(g,h,i)perylene	17.13	276	120775	10.44	ng		98

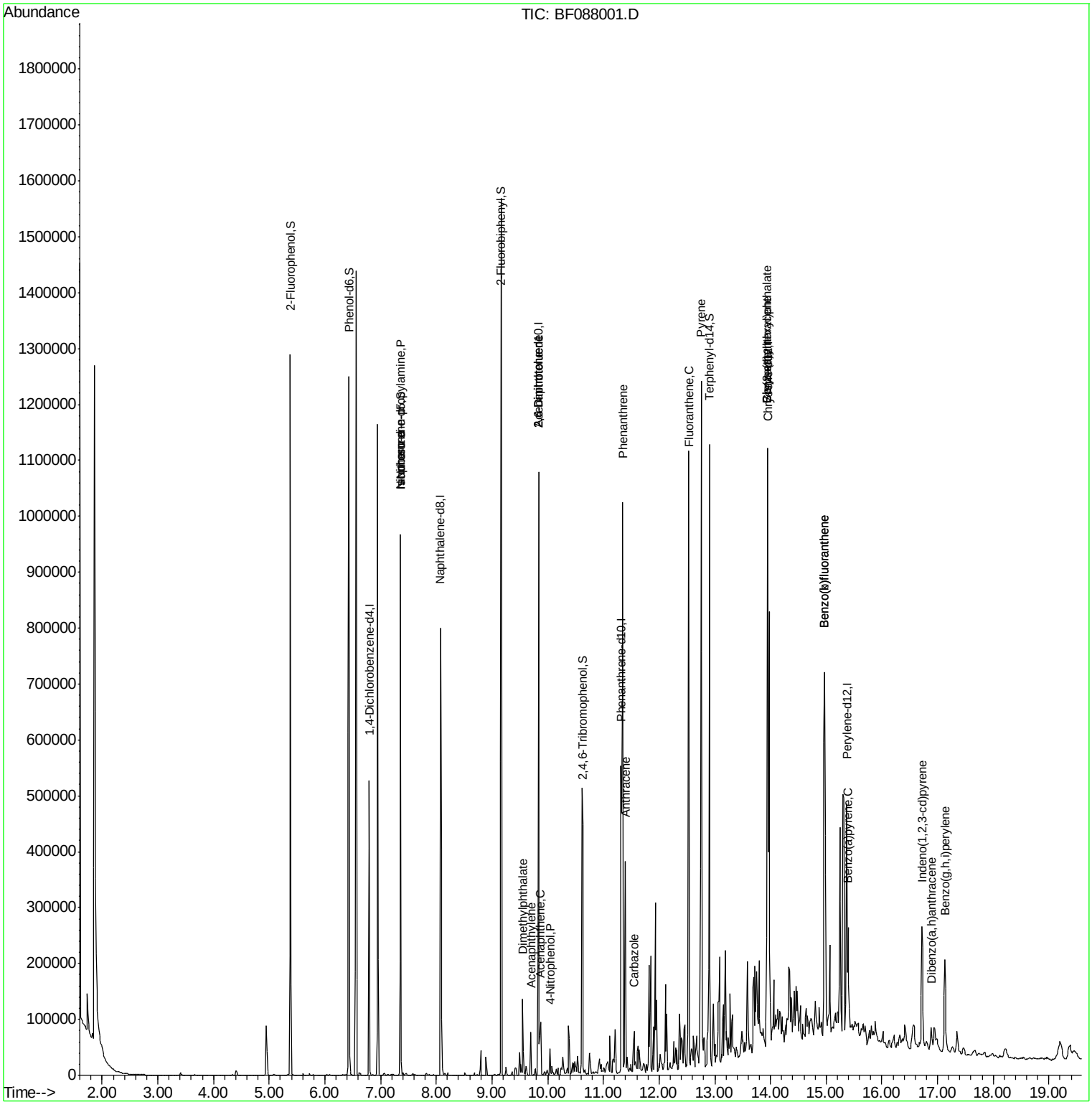
(#) = qualifier out of range (m) = manual integration (+) = signals summed

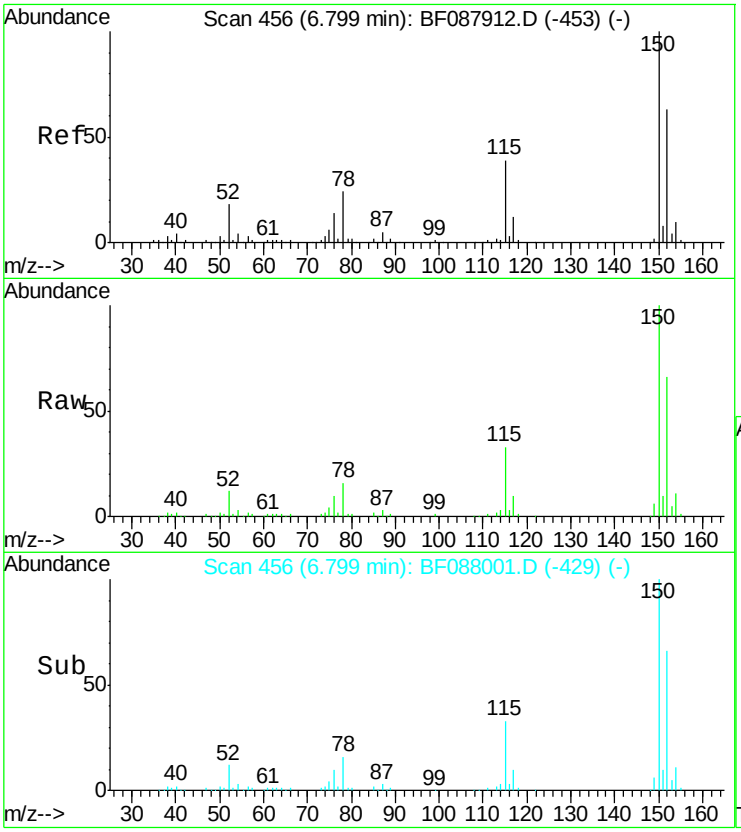
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF088001.D
Acq On : 14 Jun 2016 11:10
Operator : UM/SJ
Sample : H3395-28DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 14 13:39:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

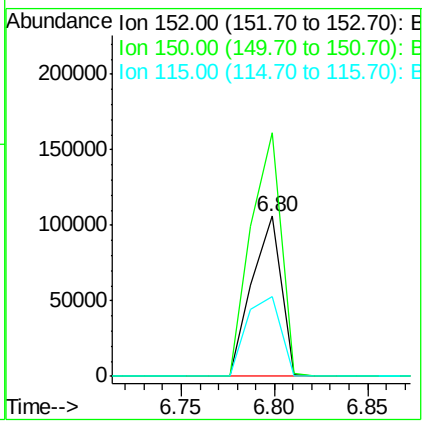




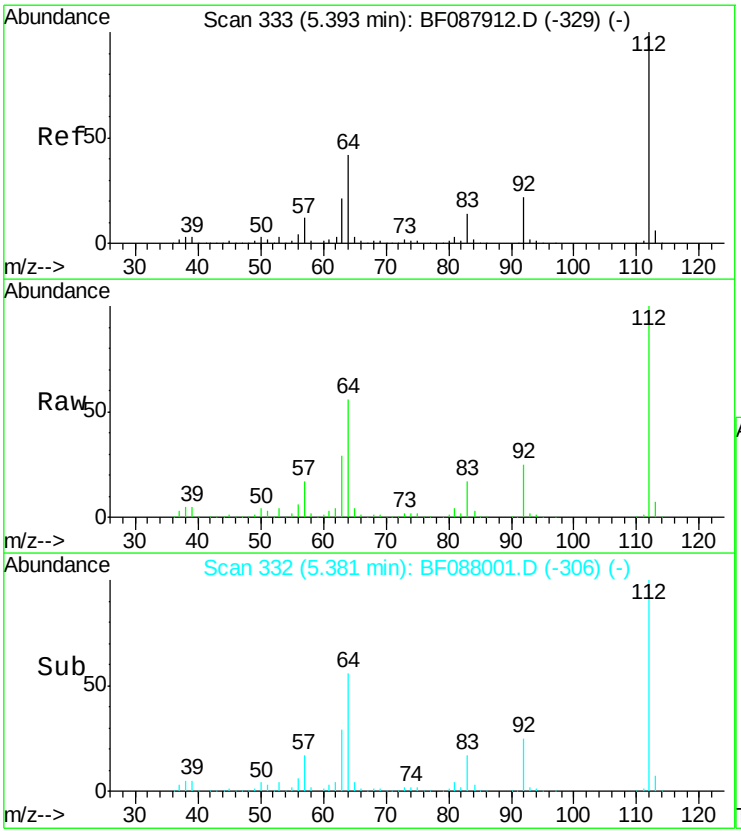
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:152 Resp: 115068

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.8	185.6
115	49.7	39.6	59.4



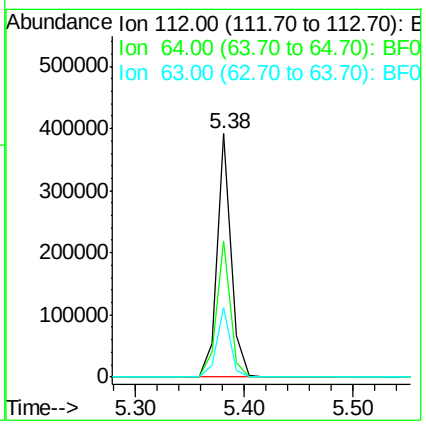
Instrument :
BNA_F
ClientSampleId :

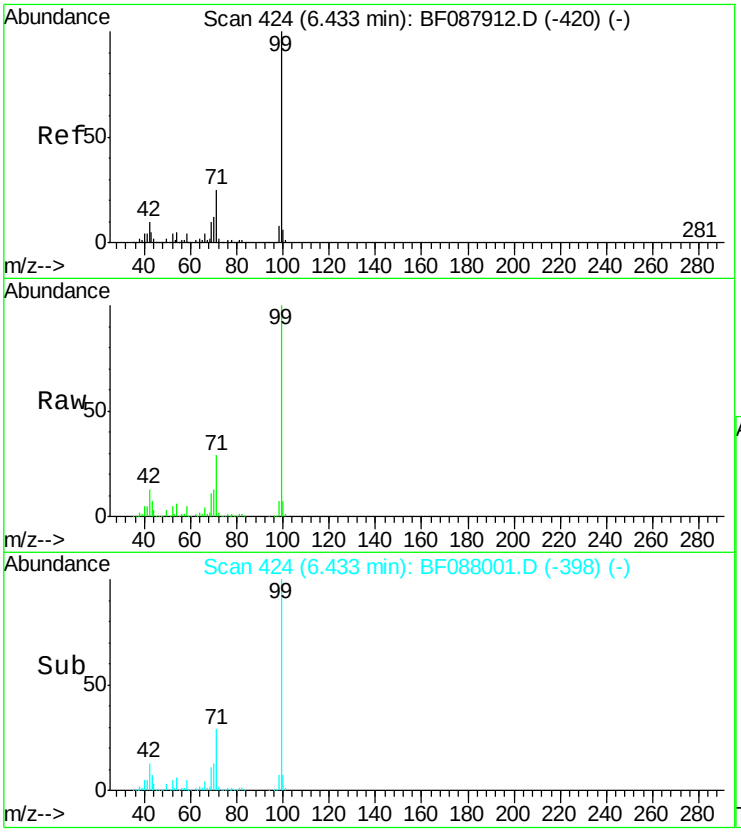


#5
2-Fluorophenol
Concen: 52.74 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:112 Resp: 354975

Ion	Ratio	Lower	Upper
112	100		
64	55.7	42.2	63.2
63	28.8	21.8	32.8



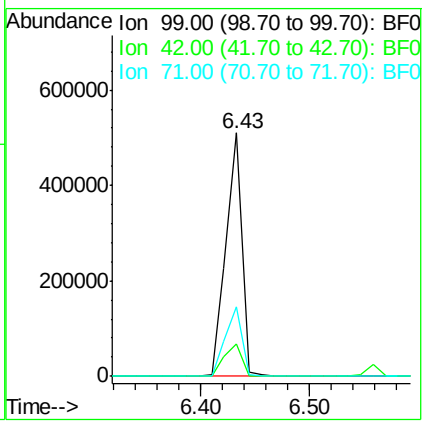


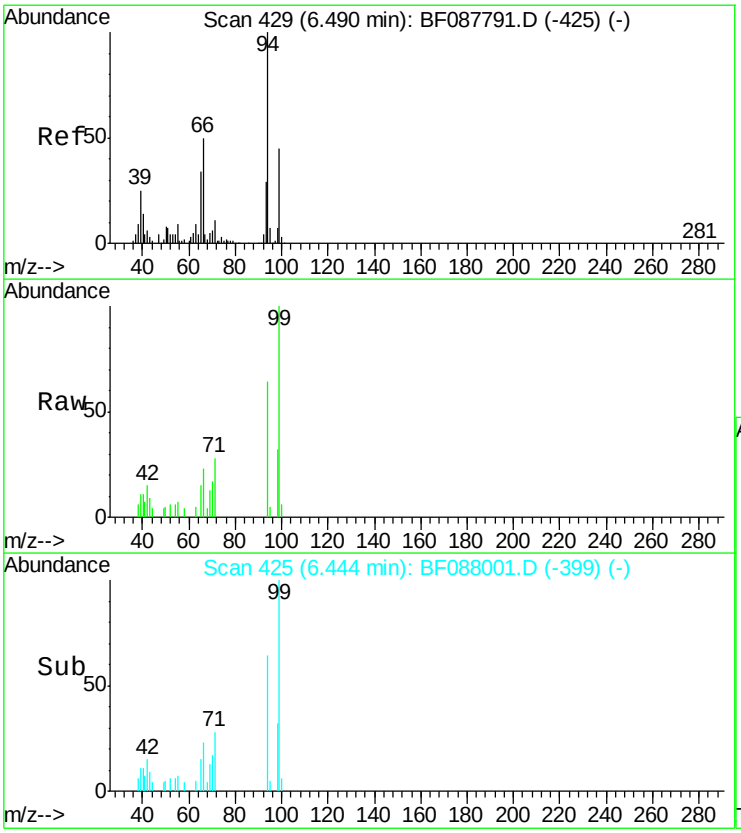
#7
Phenol-d6
Concen: 63.56 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 518476

Ion	Ratio	Lower	Upper
99	100		
42	13.2	12.2	18.2
71	28.8	23.4	35.0

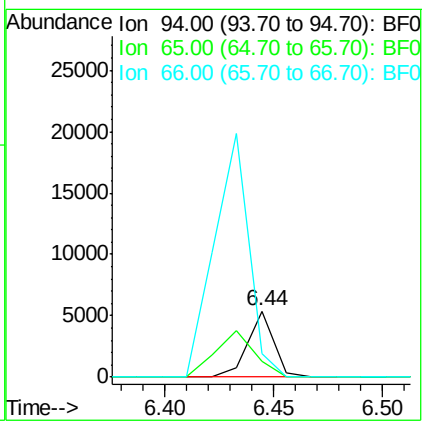


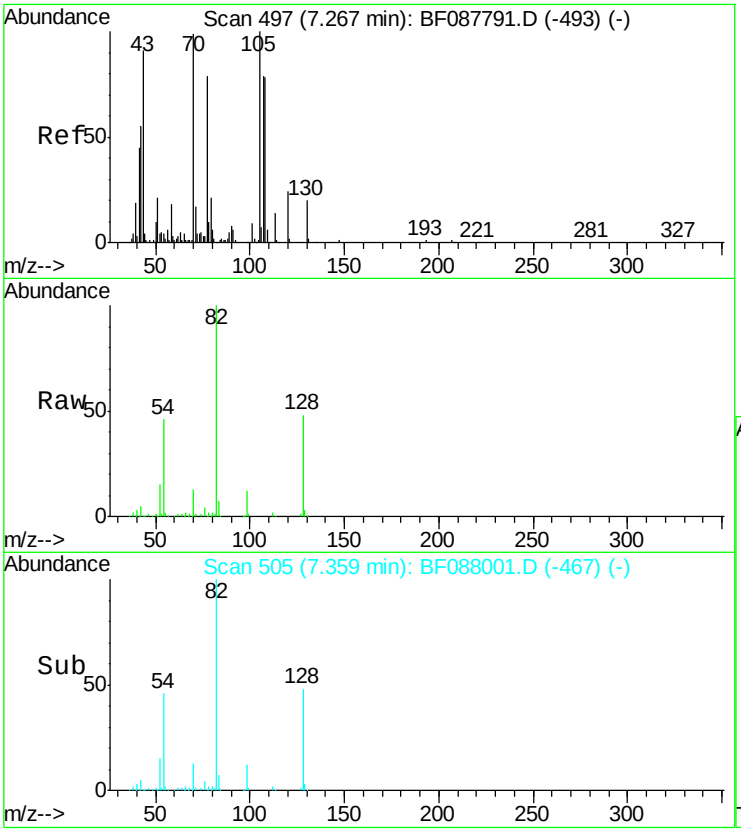


#10
Phenol
Concen: Below Cal
RT: 6.44 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion: 94 Resp: 4495

Ion	Ratio	Lower	Upper
94	100		
65	23.4	5.9	45.9
66	35.8	14.0	54.0



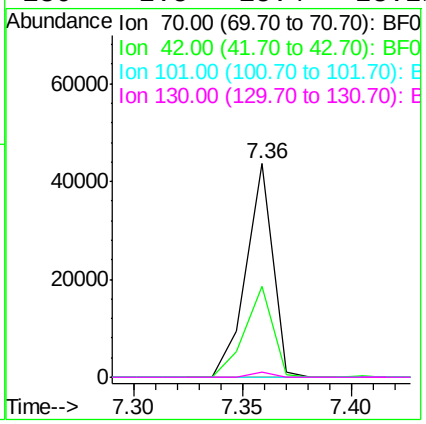


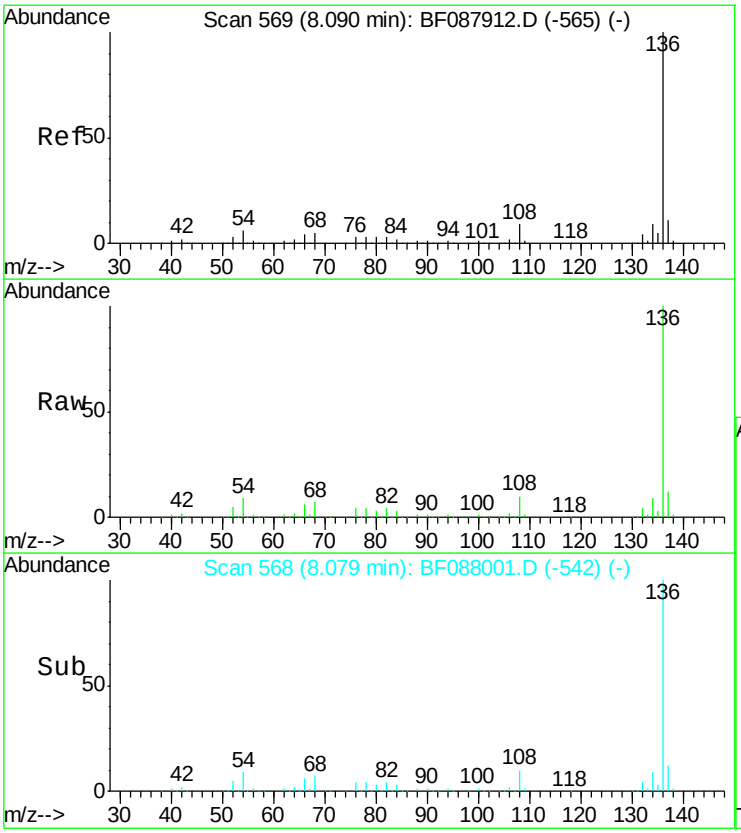
#19
n-Nitroso-di-n-propylamine
Concen: 7.13 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.14 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 37204

Ion	Ratio	Lower	Upper
70	100		
42	42.8	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#

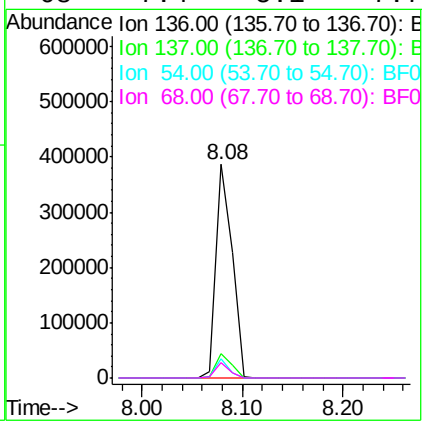


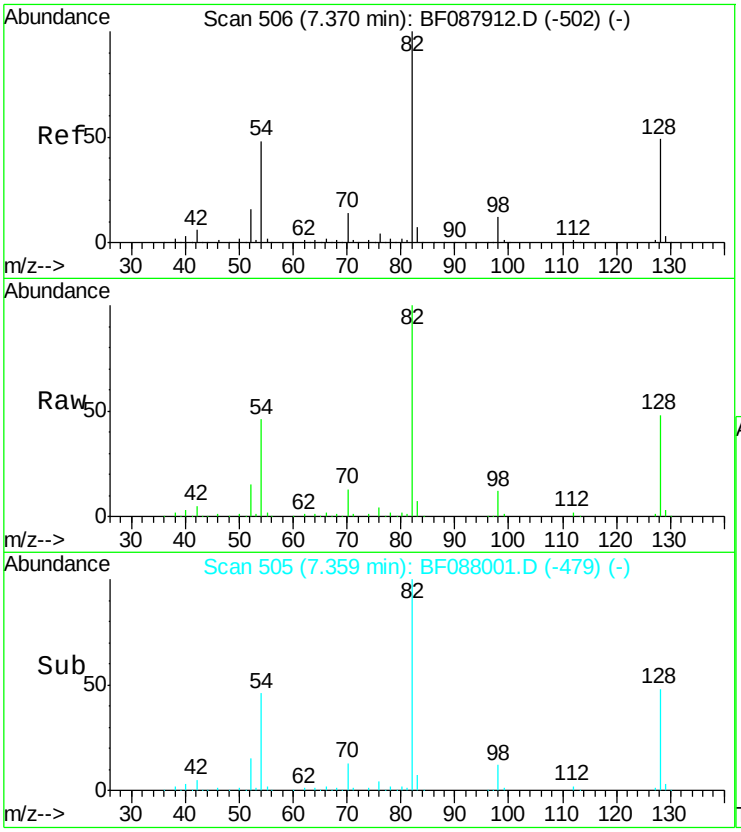


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:136 Resp: 432350

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.1	6.6	10.0
68	7.4	5.1	7.7



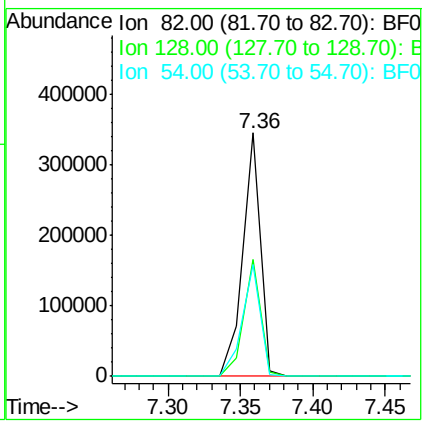


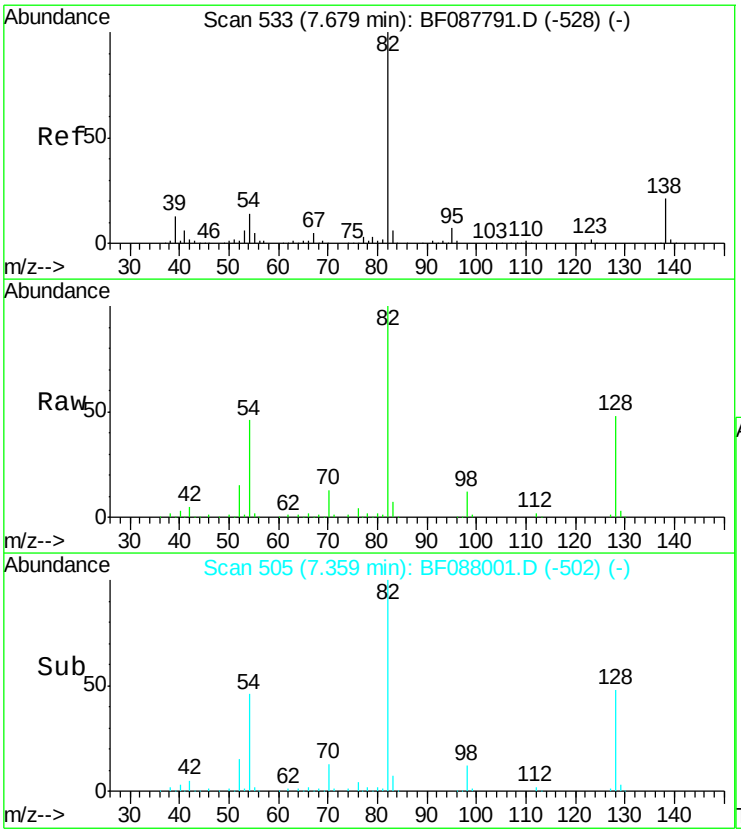
#23
Nitrobenzene-d5
Concen: 39.61 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 293280

Ion	Ratio	Lower	Upper
82	100		
128	48.2	35.9	53.9
54	45.8	40.9	61.3

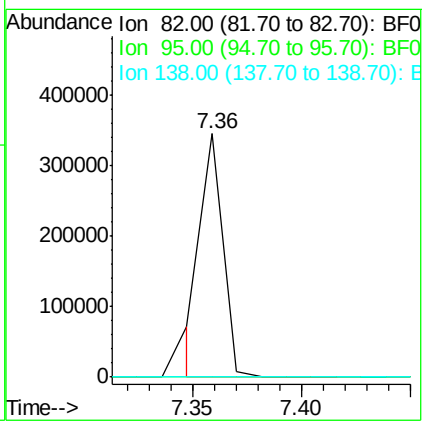


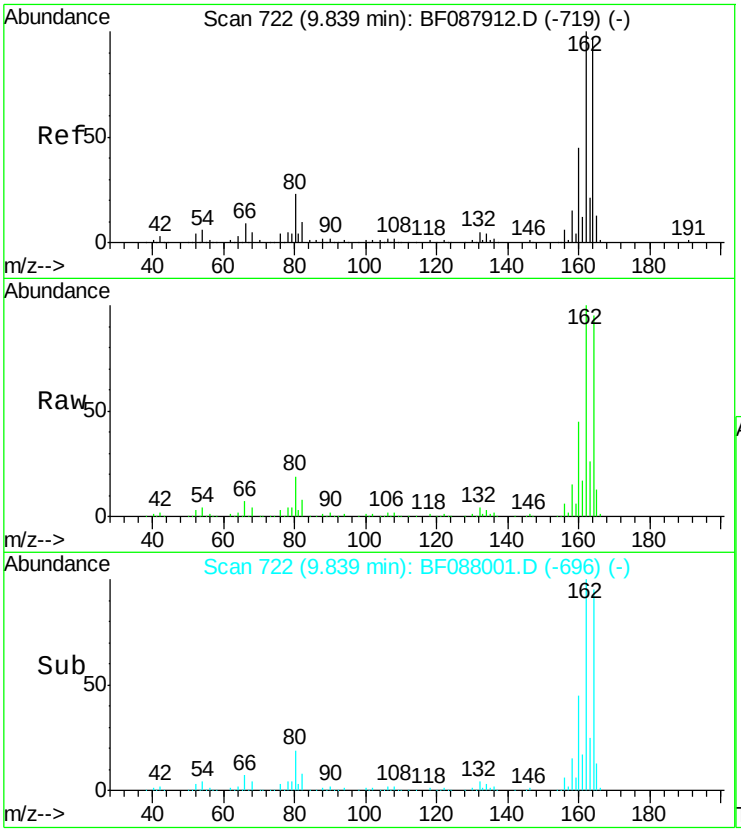


#25
Isophorone
Concen: 17.79 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.26 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion: 82 Resp: 243941

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



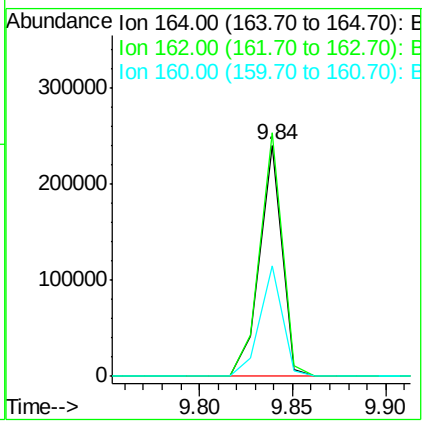


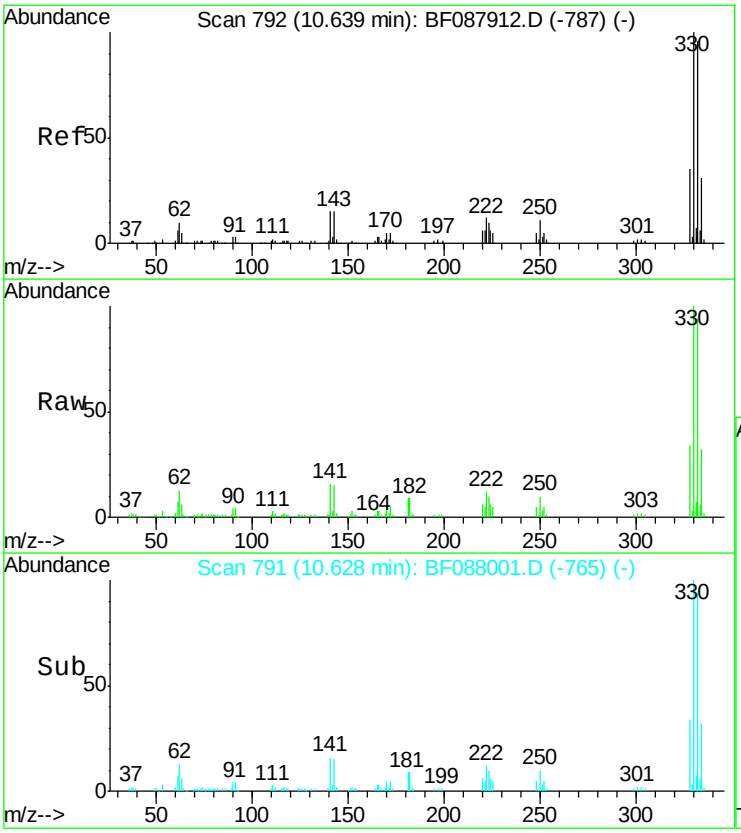
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 198926

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	47.7	39.5	59.3

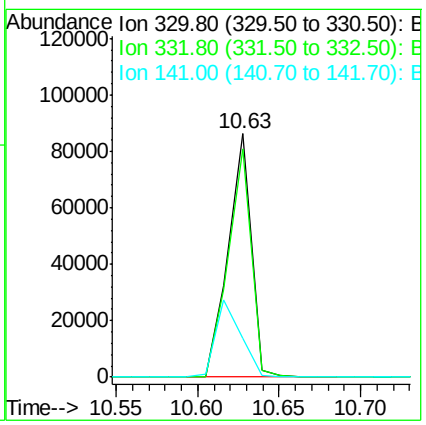


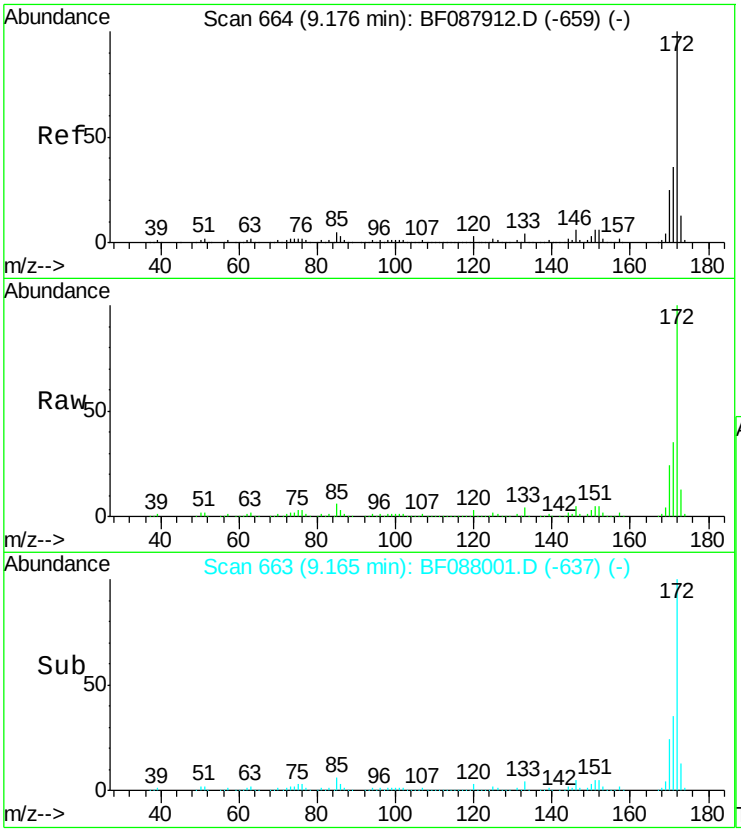


#41
2,4,6-Tribromophenol
Concen: 39.77 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:330 Resp: 83528

Ion	Ratio	Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	35.1	0.0	0.0#



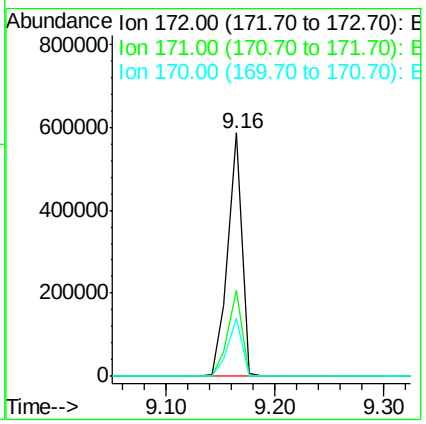


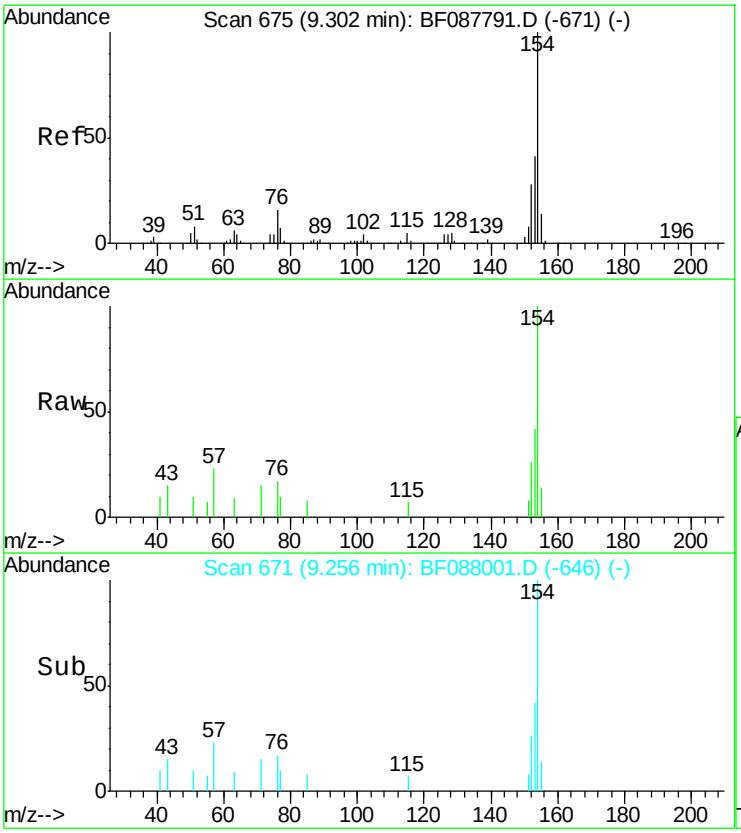
#44
2-Fluorobiphenyl
Concen: 38.61 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 527164

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.8	19.2	28.8

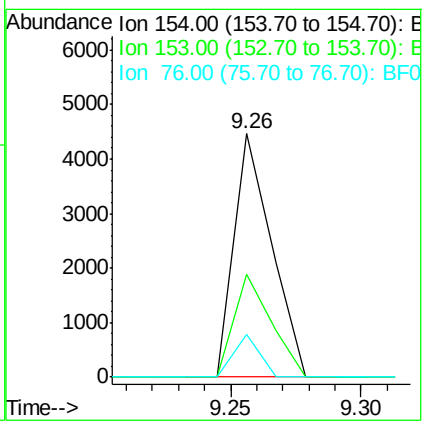


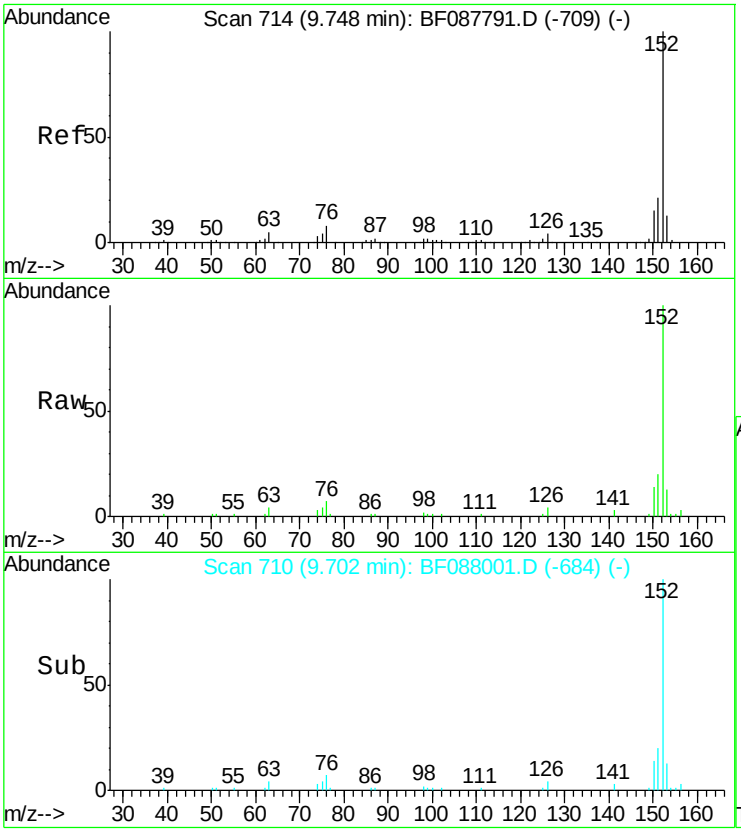


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:154 Resp: 4503

Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.6	60.6
76	17.4	0.0	35.1



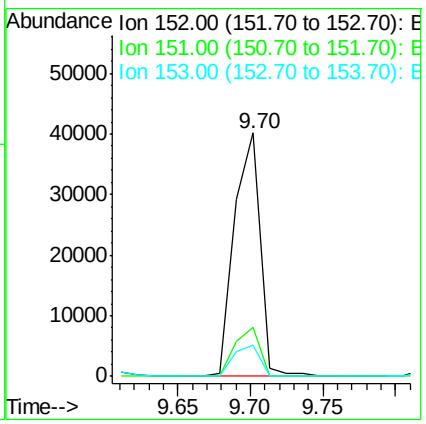


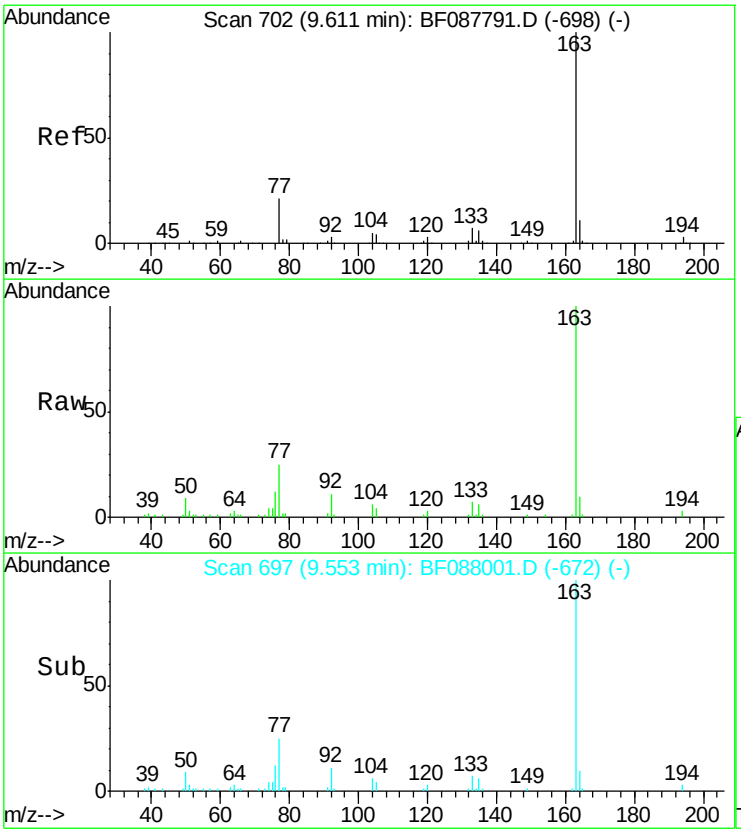
#48
Acenaphthylene
Concen: 2.41 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 49386

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	12.7	11.0	16.6

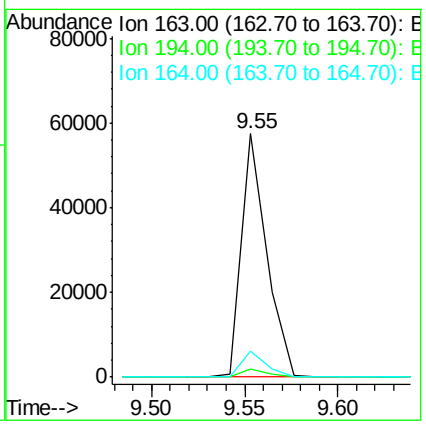


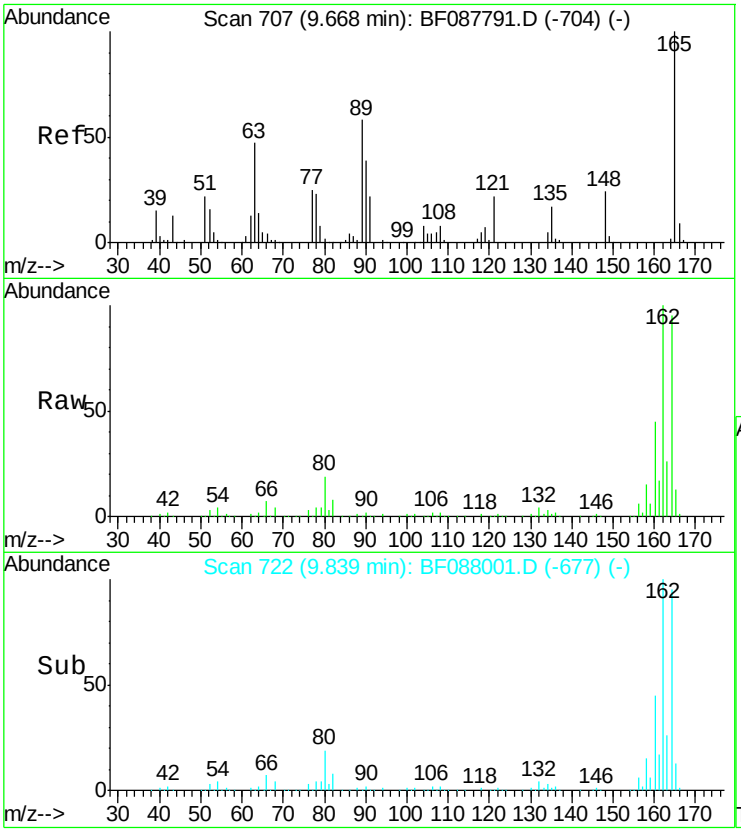


#49
Dimethylphthalate
Concen: 3.75 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:163 Resp: 54044

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.5	8.3	12.5



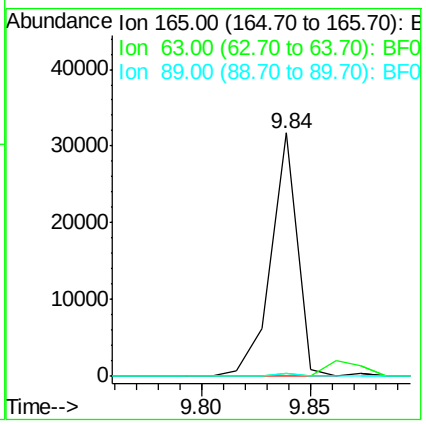


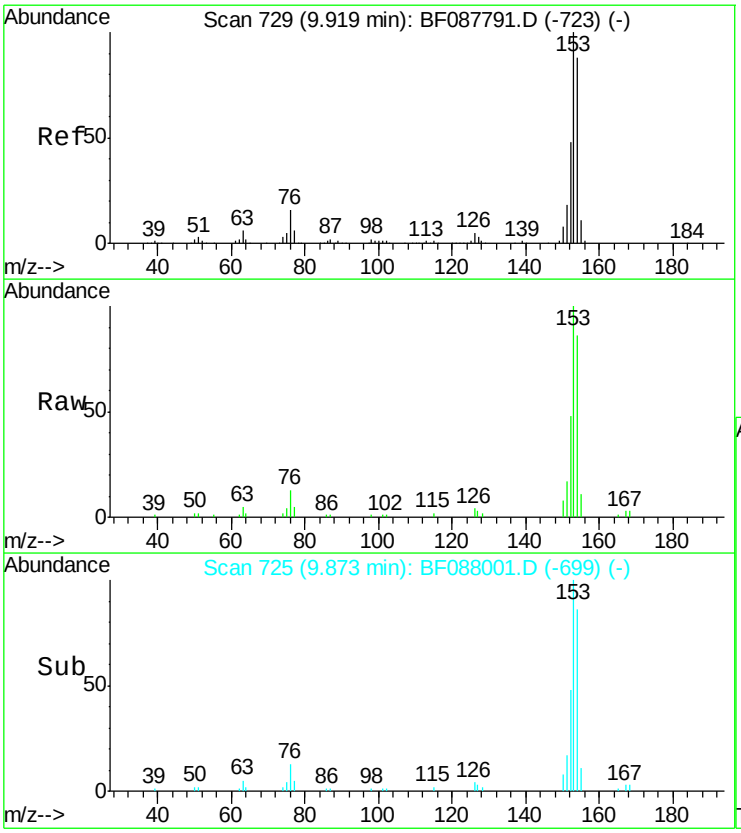
#50
2,6-Dinitrotoluene
Concen: 8.25 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.22 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27210

Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.1	42.1#
89	1.3	32.2	48.2#

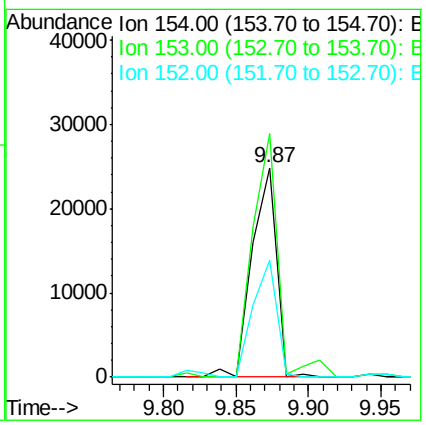


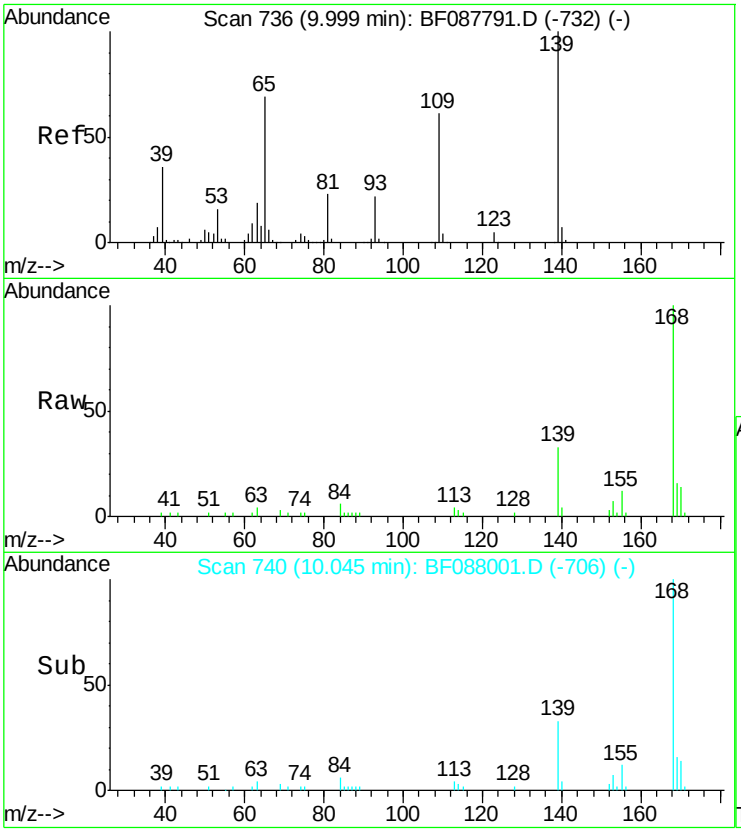


#51
Acenaphthene
Concen: 2.26 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:154 Resp: 28860

Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.5	134.3
152	55.5	42.7	64.1



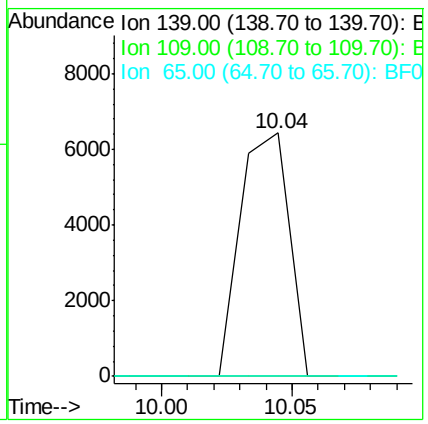


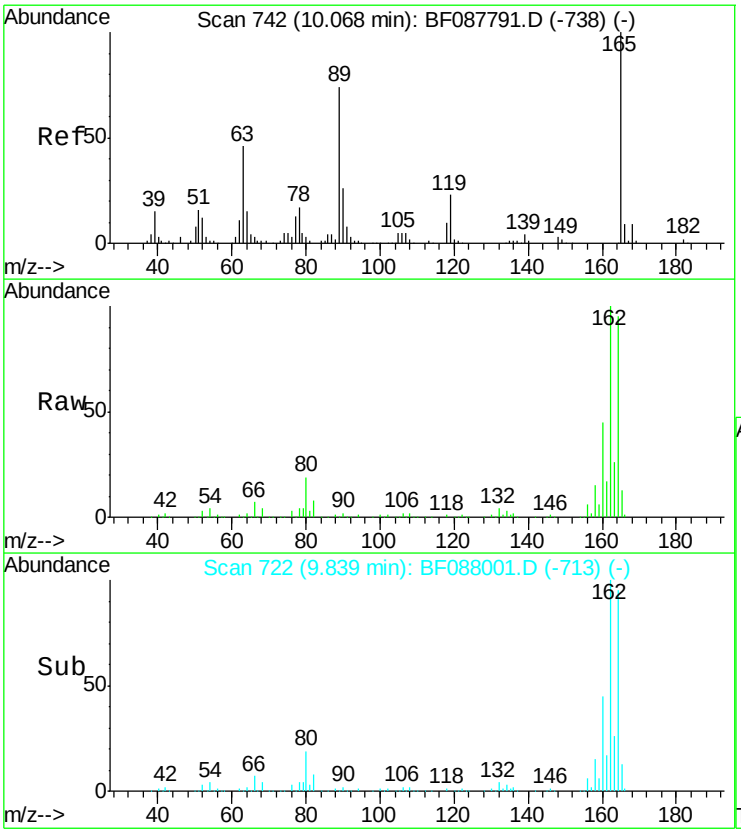
#55
4-Nitrophenol
Concen: 2.87 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.09 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 8470

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#

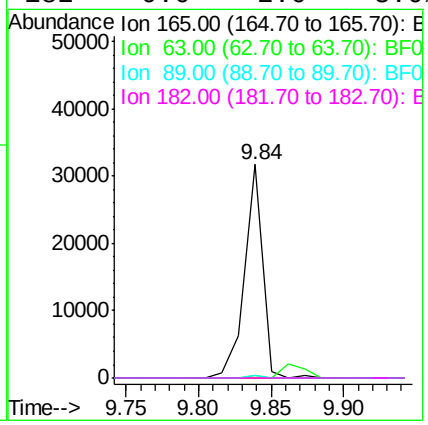


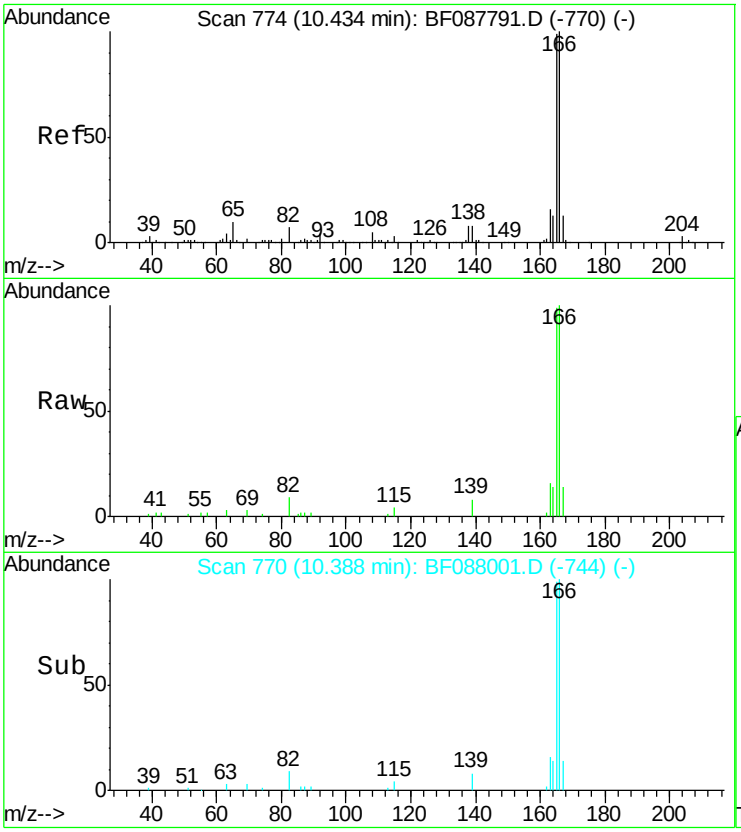


#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:165 Resp: 27452

Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.3	41.1	61.7#
182	0.0	2.0	3.0#



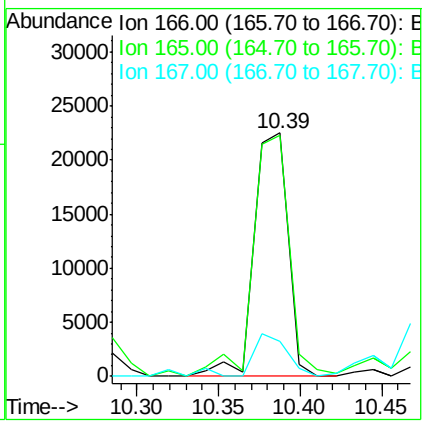


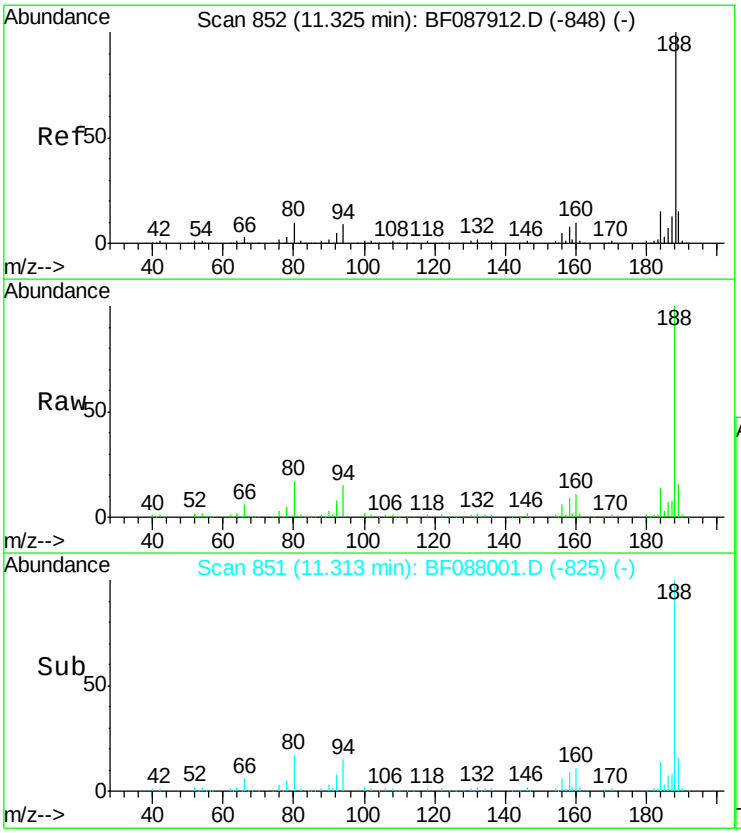
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 32575

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.8
167	14.3	11.2	16.8

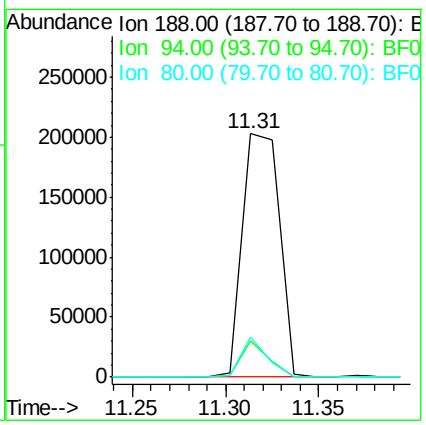


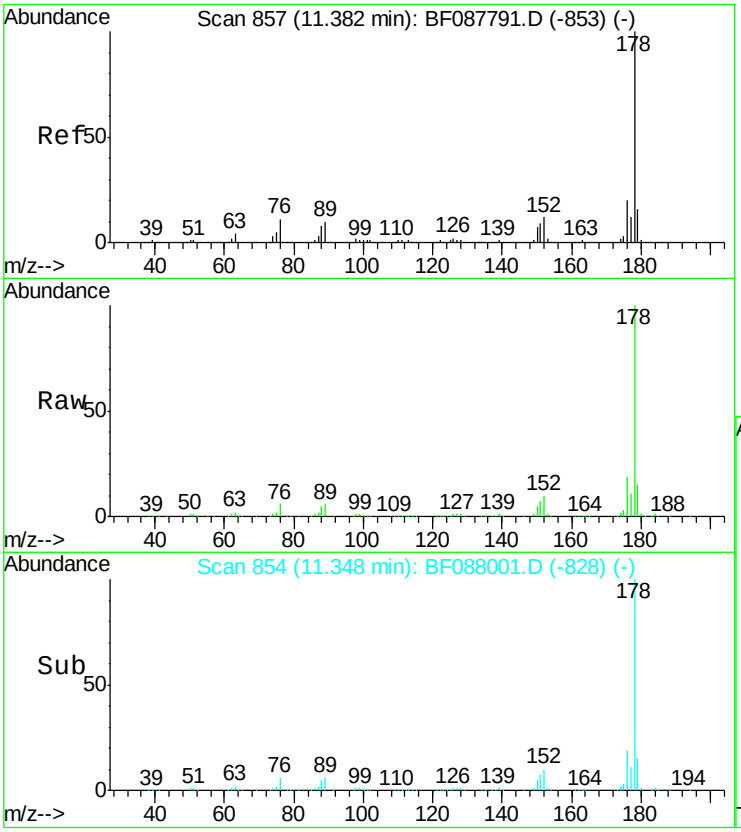


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:188 Resp: 278870

Ion	Ratio	Lower	Upper
188	100		
94	14.8	9.0	13.6#
80	16.6	10.0	15.0#



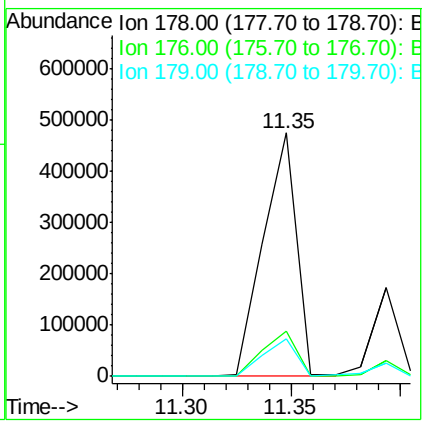


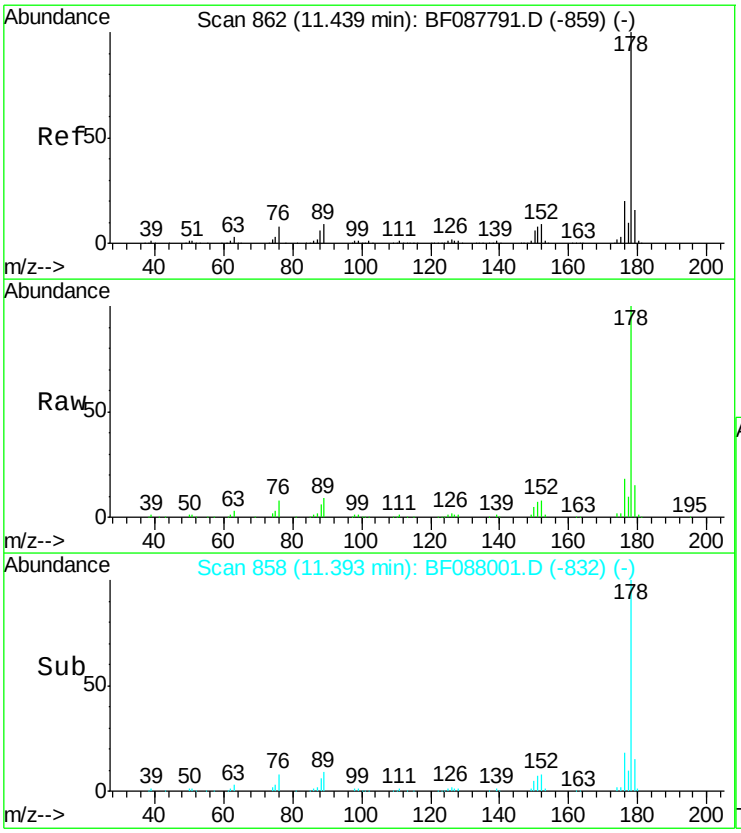
#70
Phenanthrene
Concen: 34.70 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 507762

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.3	13.0	19.4

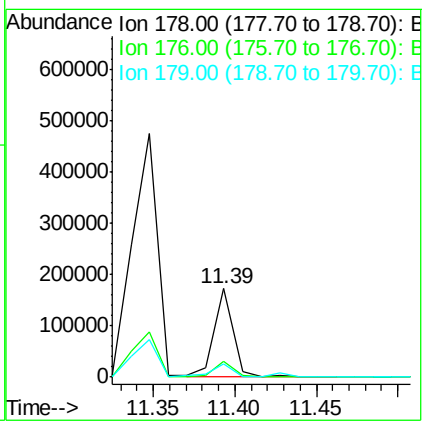


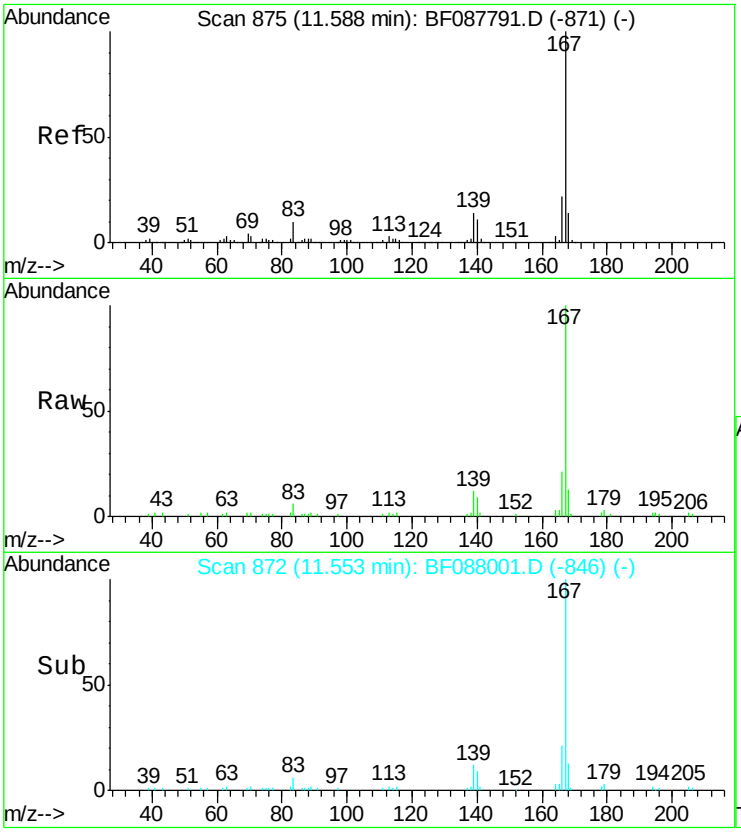


#71
Anthracene
Concen: 9.47 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:178 Resp: 139855

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	15.3	12.8	19.2



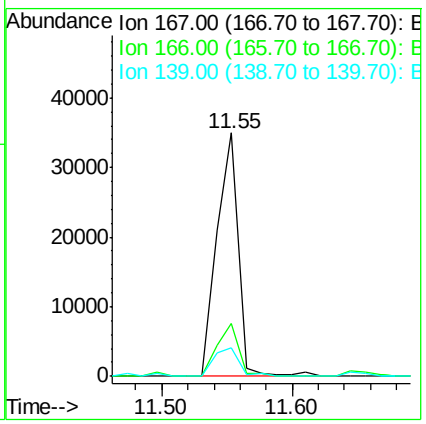


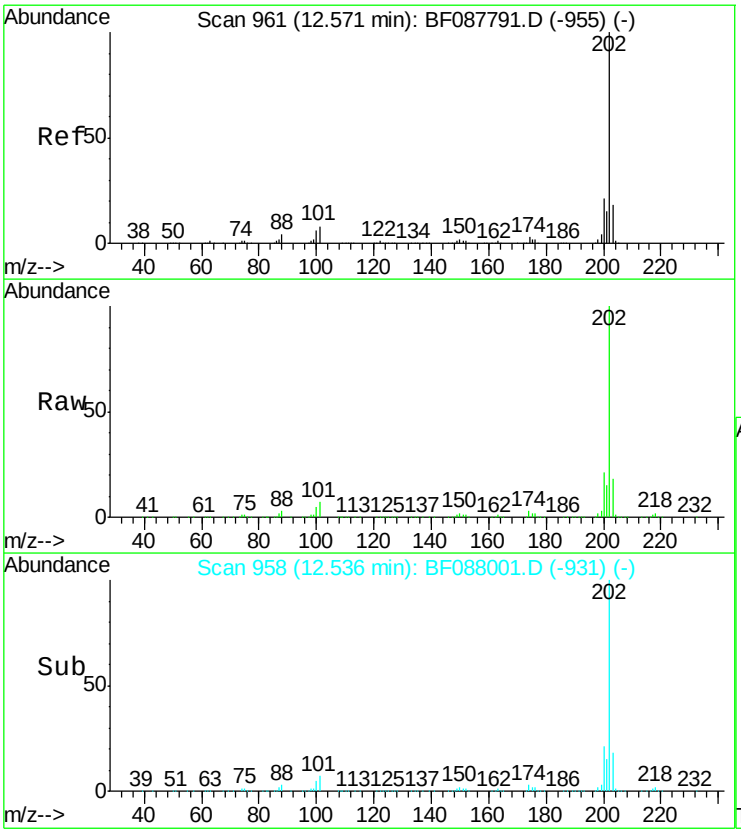
#72
Carbazole
Concen: 2.92 ng
RT: 11.55 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 40314

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	11.9	11.2	16.8

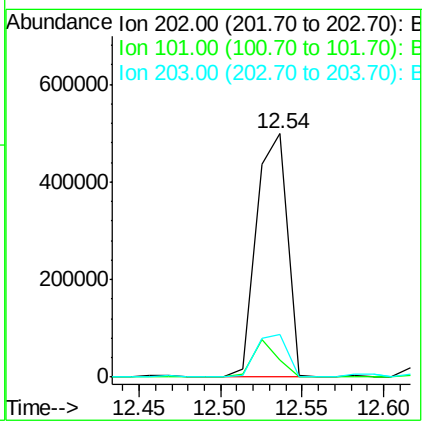


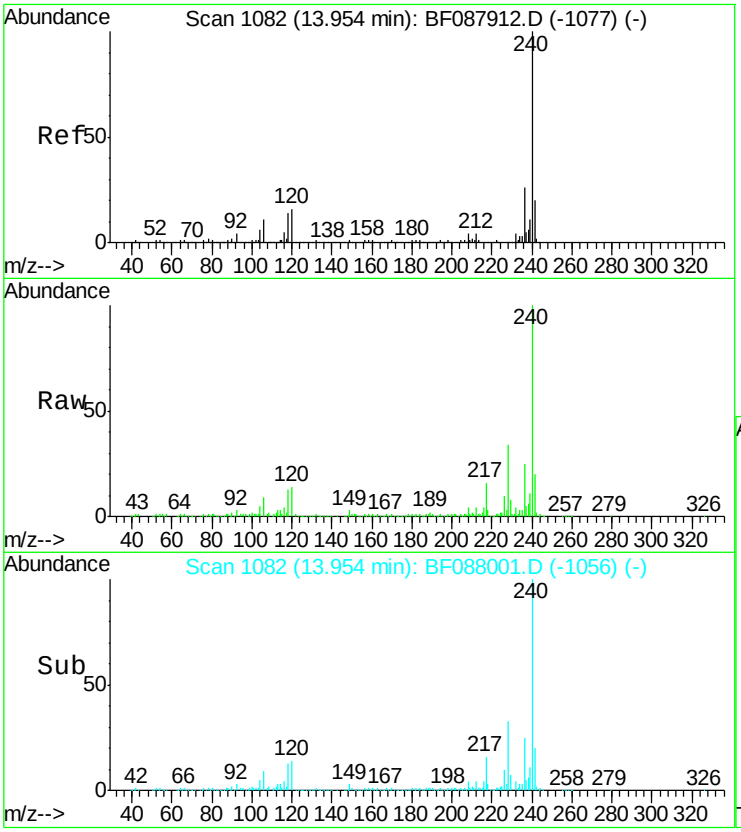


#74
Fluoranthene
Concen: 42.43 ng
RT: 12.54 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:202 Resp: 655180

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	33.1
203	17.5	0.0	38.1



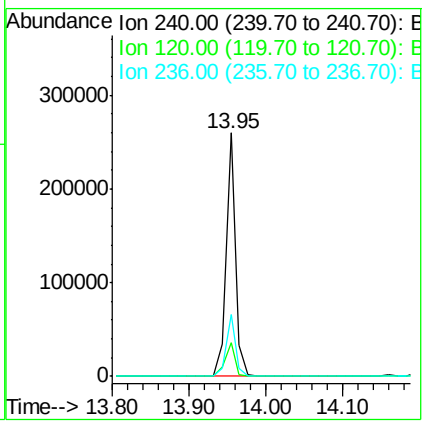


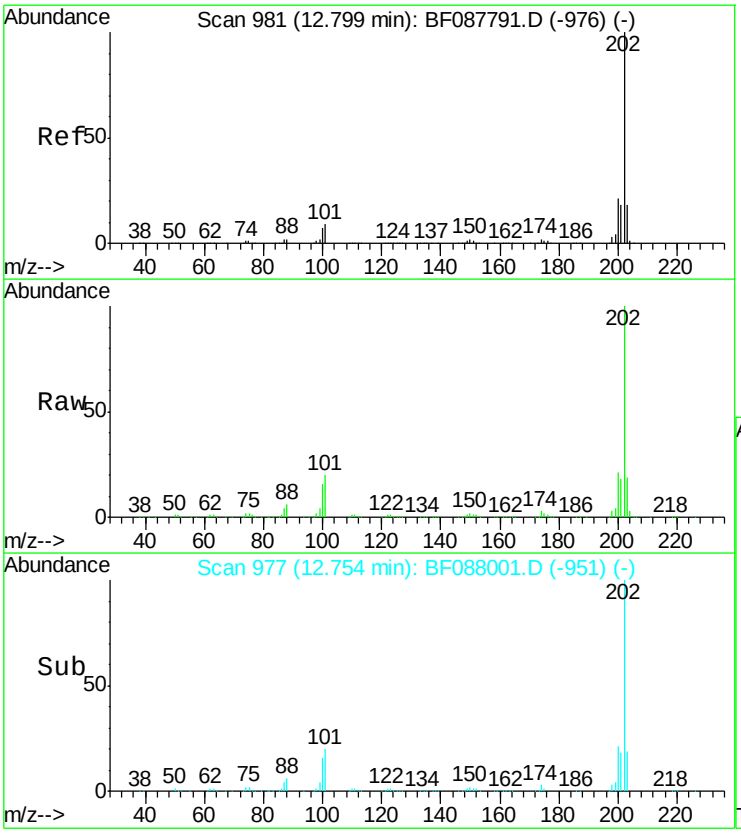
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 229327

Ion	Ratio	Lower	Upper
240	100		
120	14.1	6.8	10.2#
236	25.4	20.2	30.2

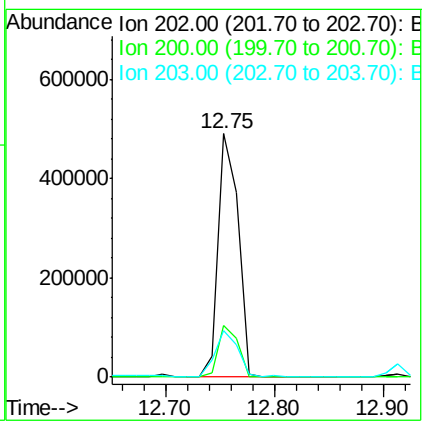


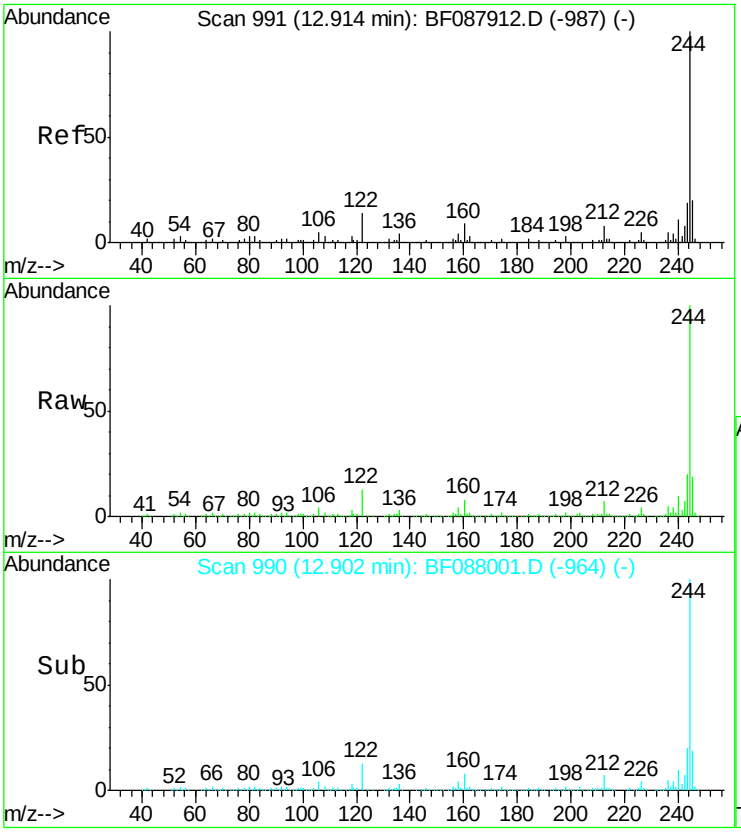


#77
Pyrene
Concen: 36.90 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:202 Resp: 627969

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	19.0	14.5	21.7



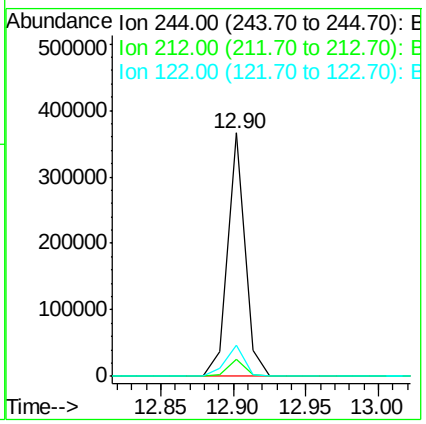


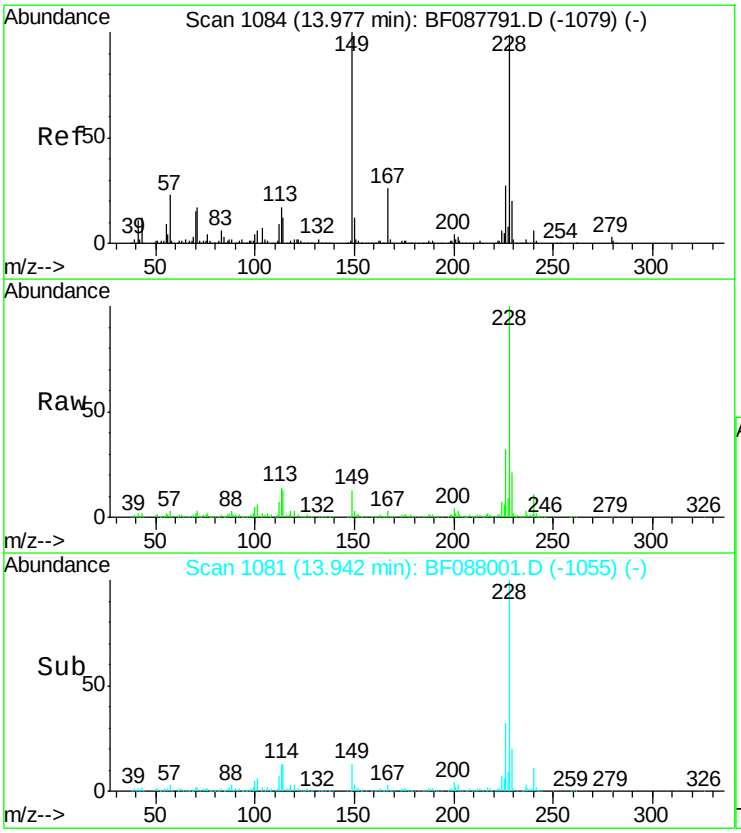
#78
Terphenyl-d14
Concen: 30.28 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 305138

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.9	11.2	16.8

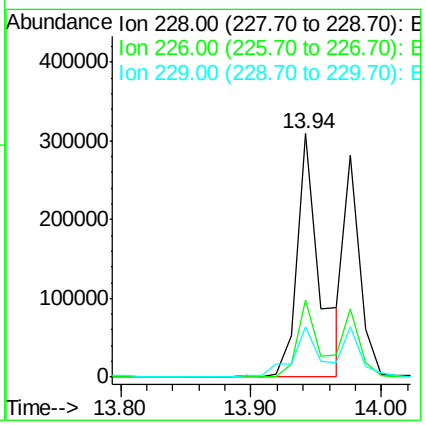


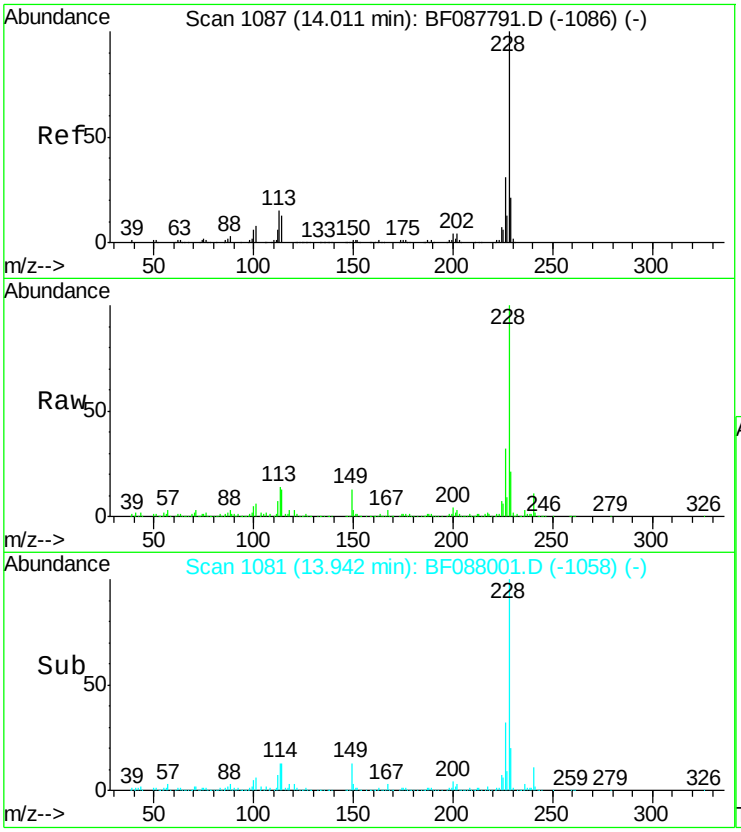


#80
Benzo(a)anthracene
Concen: 28.52 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:228 Resp: 372712

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.3	33.5
229	20.8	16.0	24.0



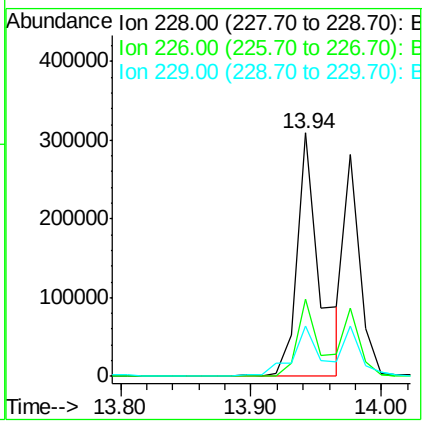


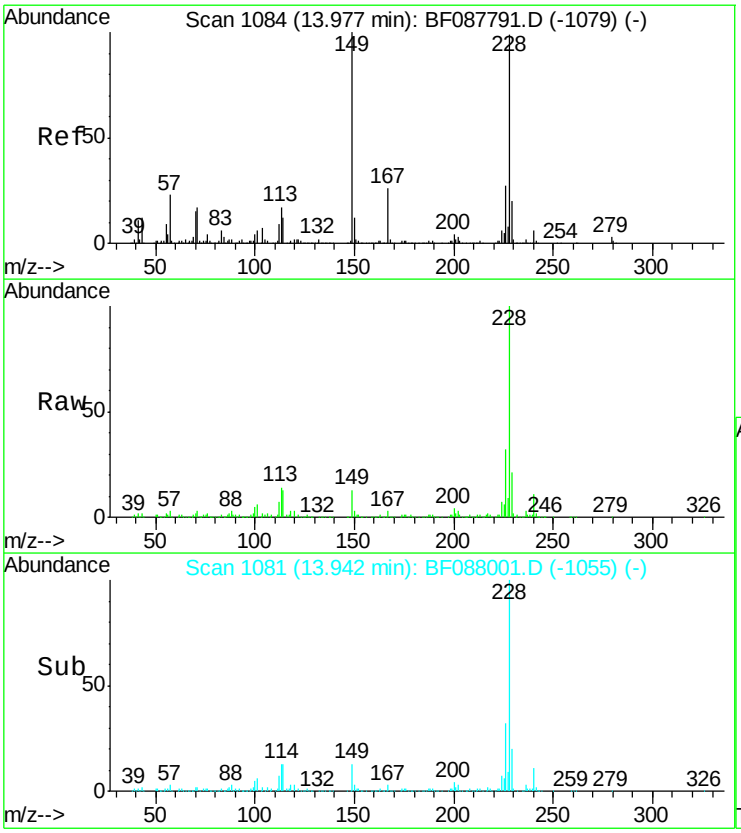
#82
Chrysene
Concen: 30.31 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 372712

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.2
229	20.8	16.3	24.5

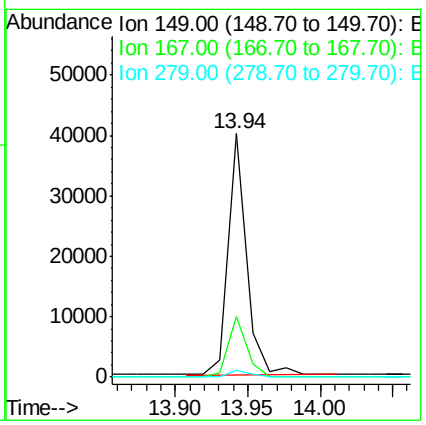


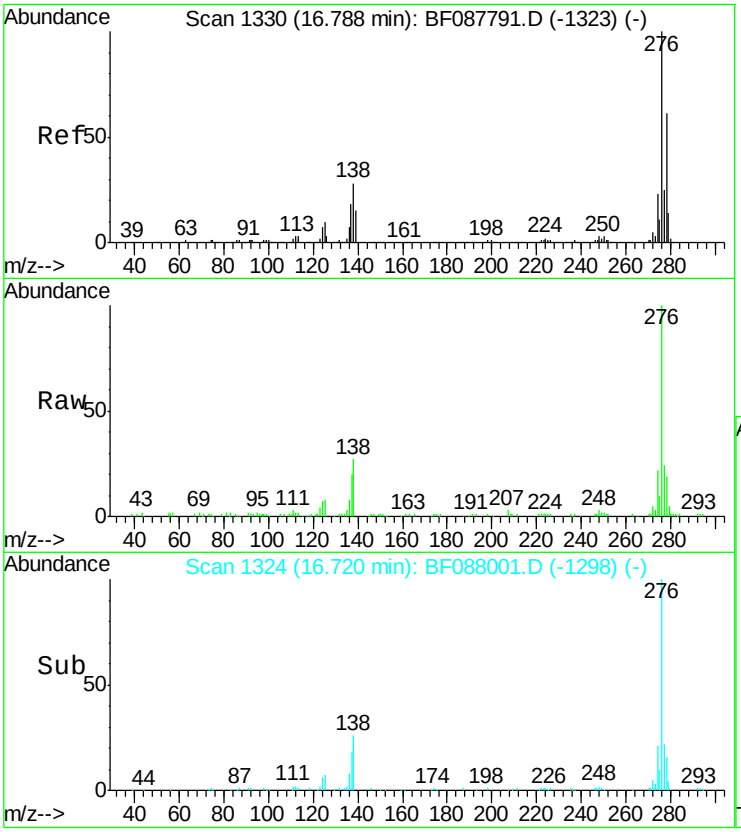


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.88 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:149 Resp: 35542

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.5	30.7
279	2.5	2.0	3.0



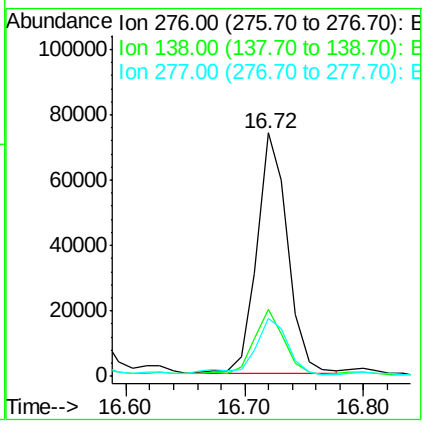


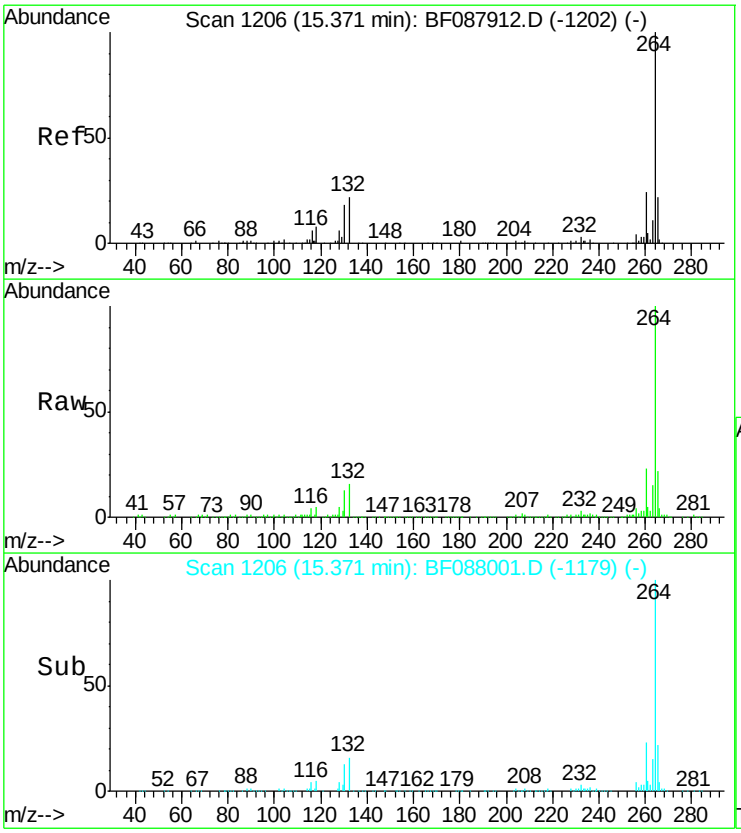
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.52 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 131540

Ion	Ratio	Lower	Upper
276	100		
138	26.7	0.0	0.0#
277	25.7	0.0	0.0#

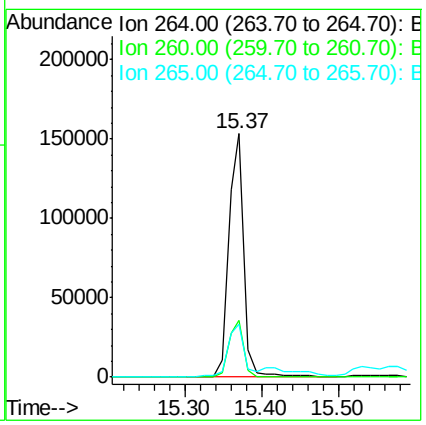


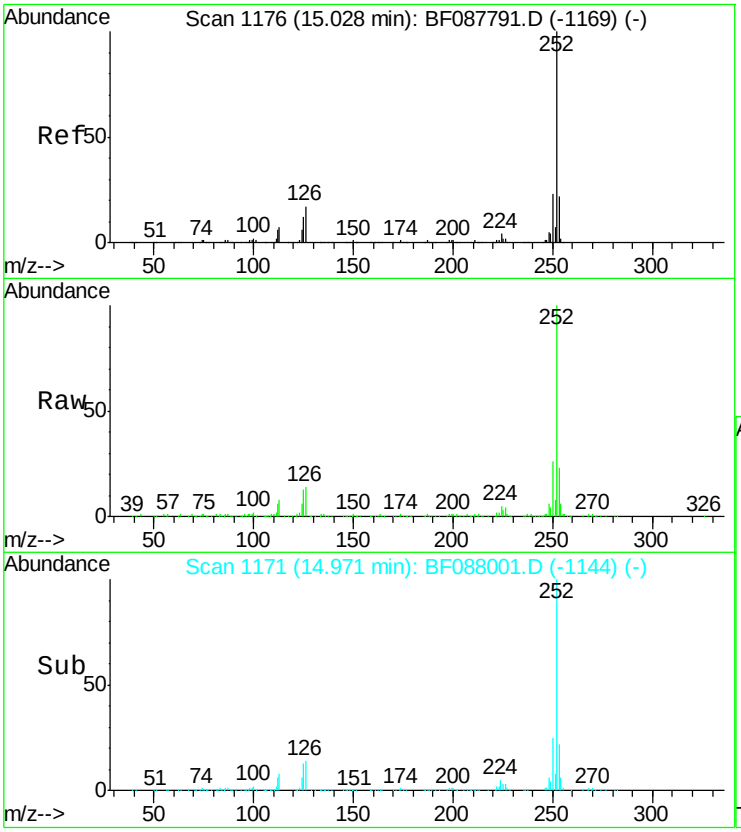


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:264 Resp: 214653

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.9	25.3



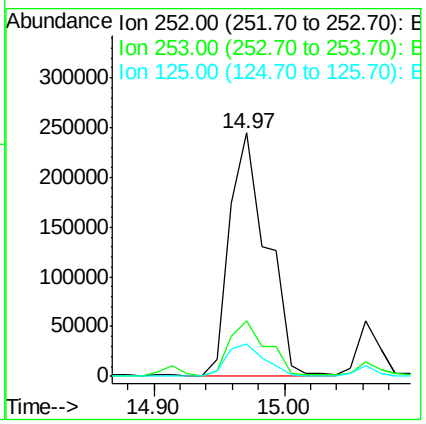


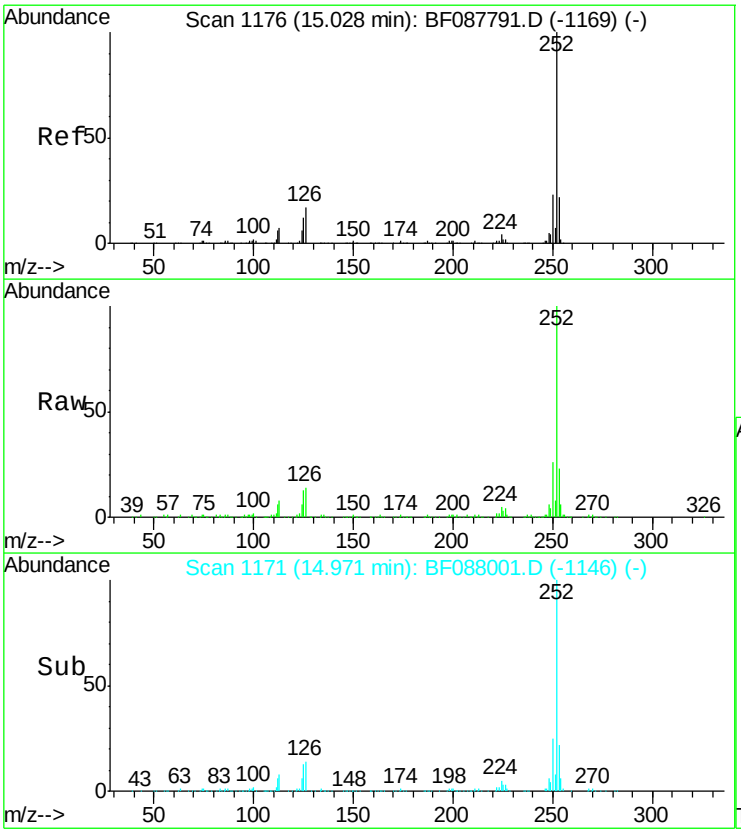
#87
Benzo(b)fluoranthene
Concen: 32.25 ng
RT: 14.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 482546

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	13.4	7.1	10.7#

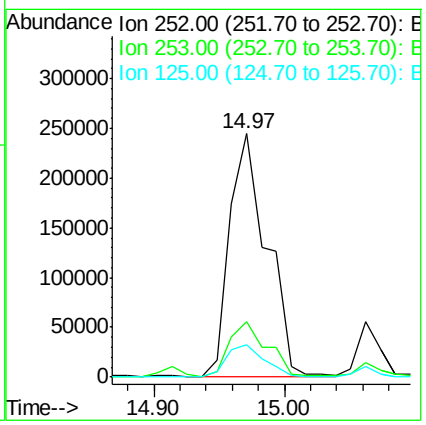


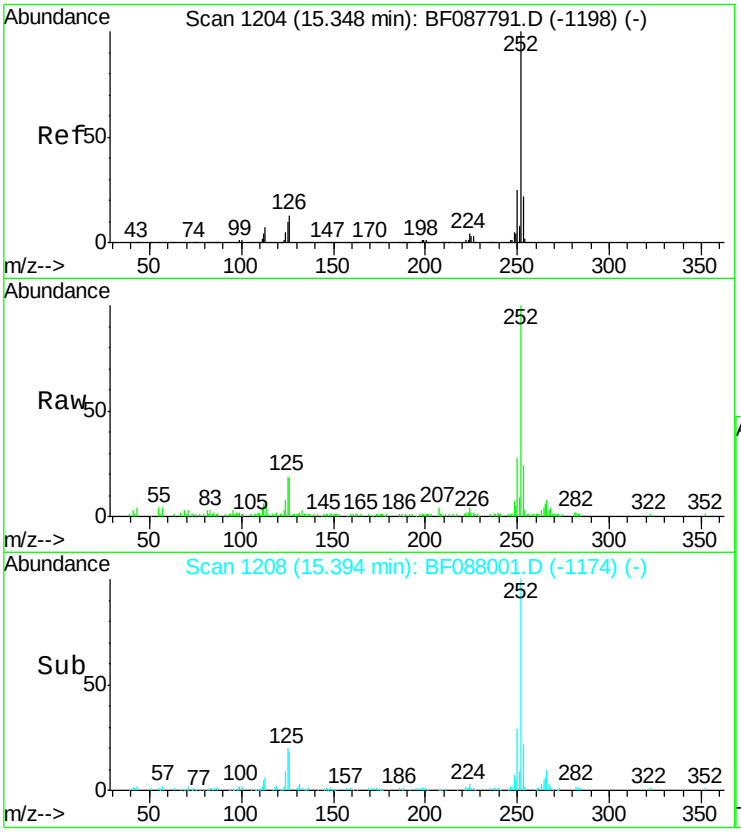


#88
Benzo(k)fluoranthene
Concen: 42.76 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:252 Resp: 482546

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	13.4	11.2	16.8



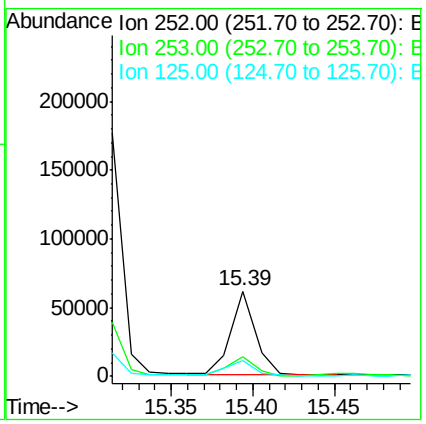


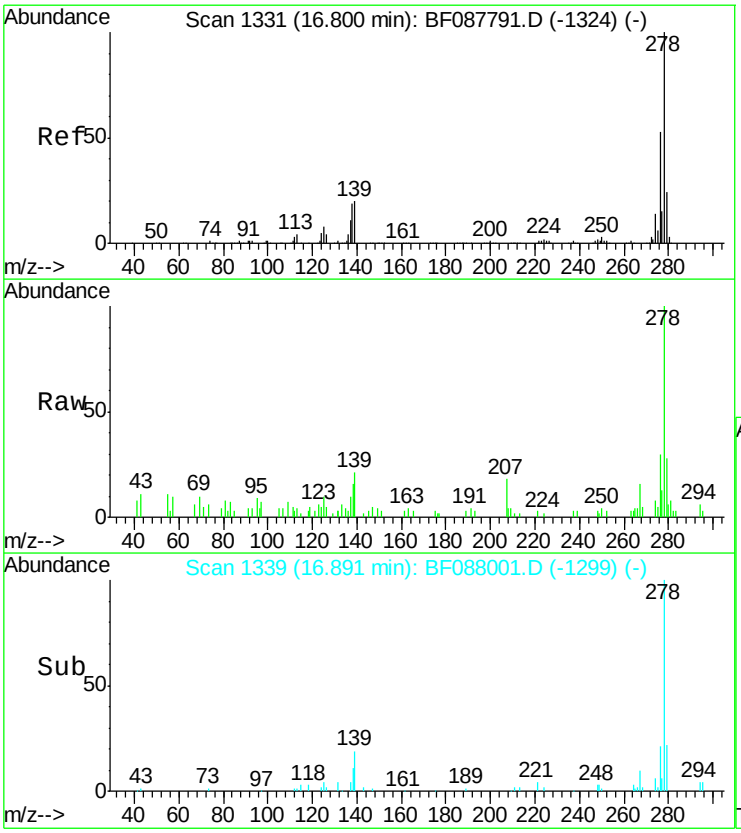
#89
Benzo(a)pyrene
Concen: 5.29 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.09 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 64037

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	18.6	12.5	18.7

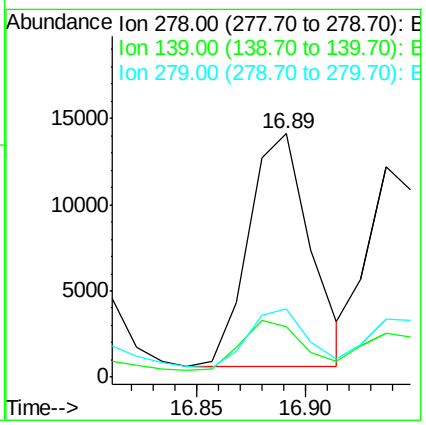


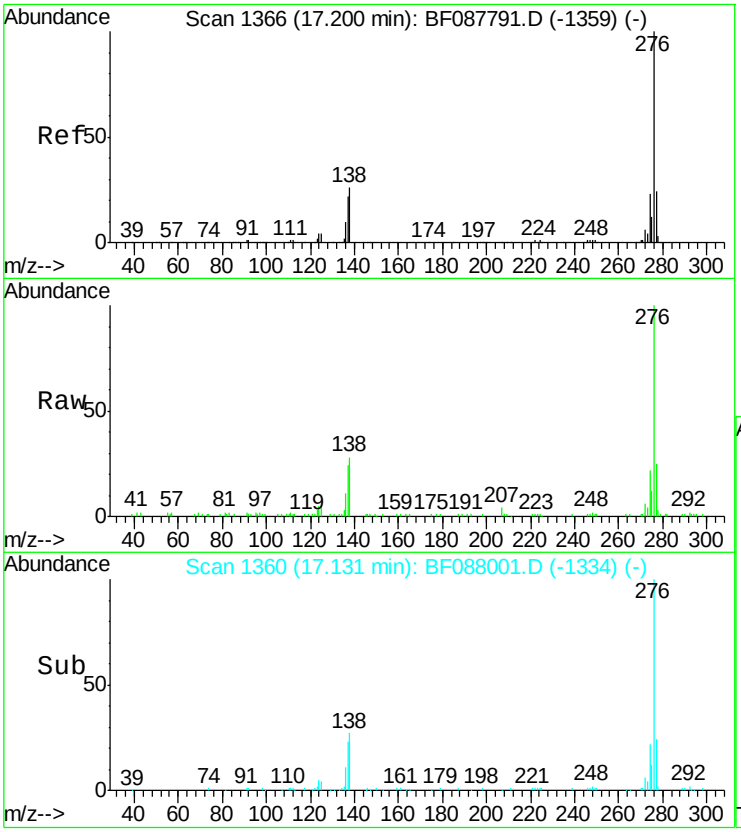


#90
Dibenzo(a,h)anthracene
Concen: 2.39 ng
RT: 16.89 min Scan# 1339
Delta R.T. 0.16 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Tgt Ion:278 Resp: 26828

Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.7	23.5
279	28.0	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 10.44 ng
RT: 17.13 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF088001.D
Acq: 14 Jun 2016 11:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 120775

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	27.8	21.4	32.2